

## Outlineoffungi.org - Note 999 *Spiralomyces*

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***Spiralomyces*** Crous & Jurjević.

*Spiralomyces* was introduced by Tan et al. (2022) with the type species, *Spiralomyces americanus*. The type species was isolated from office air in USA (Tan et al. 2022). *Spiralomyces* is morphologically quite similar to *Laocoon* in having brown conidia spirally twisted, but warty, not branched, and with thickened scars and hila (Videira et al. 2017). *Spiralomyces* is phylogenetically related to *Coniosporium uncinatum* based on ITS sequence data. However, it is a foliicolous or rock-inhabiting species with torulose, irregular branched hyphae with sub-spherical cells (De Leo et al. 1999). Tan et al. (2022) placed this genus in *Asterinales*, *incertae sedis* based on LSU, ITS and SSU sequence data. However, the placement of *Spiralomyces* in *Asterinales* need to confirm with additional molecular data due to its distinct morphology comparing other taxa of this order.

### References

- De Leo F, Urzì C, De Hoog GS. 1999 – Two *Coniosporium* species from rock surfaces. *Studies in Mycology* 43, 70–79.
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- Videira SIR, Groenewald JZ, Nakashima C, Braun U et al. 2017 – *Mycosphaerellaceae*—chaos or clarity?. *Studies in Mycology* 87, 257–421. <https://doi.org/10.1016/j.simyco.2017.09.003>

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